

FIG. 1

FIG. 2

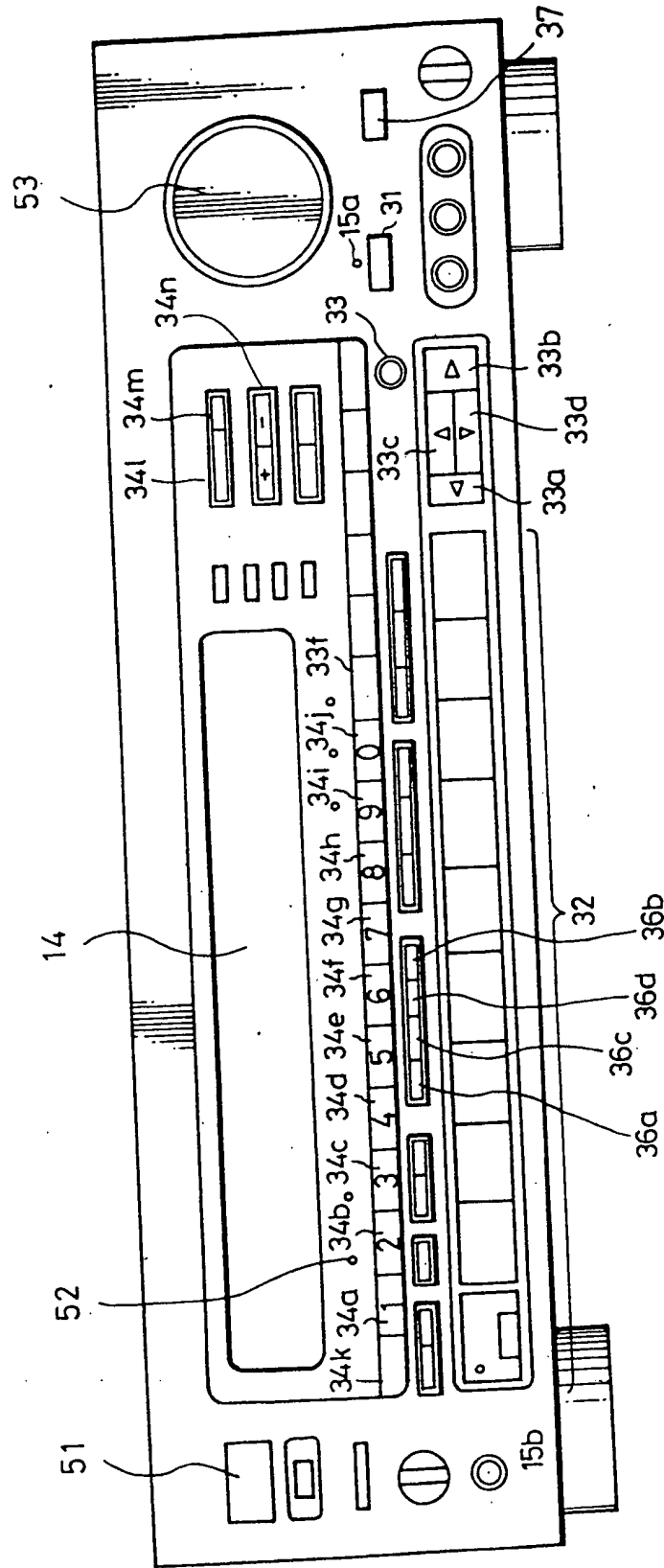


FIG. 3A

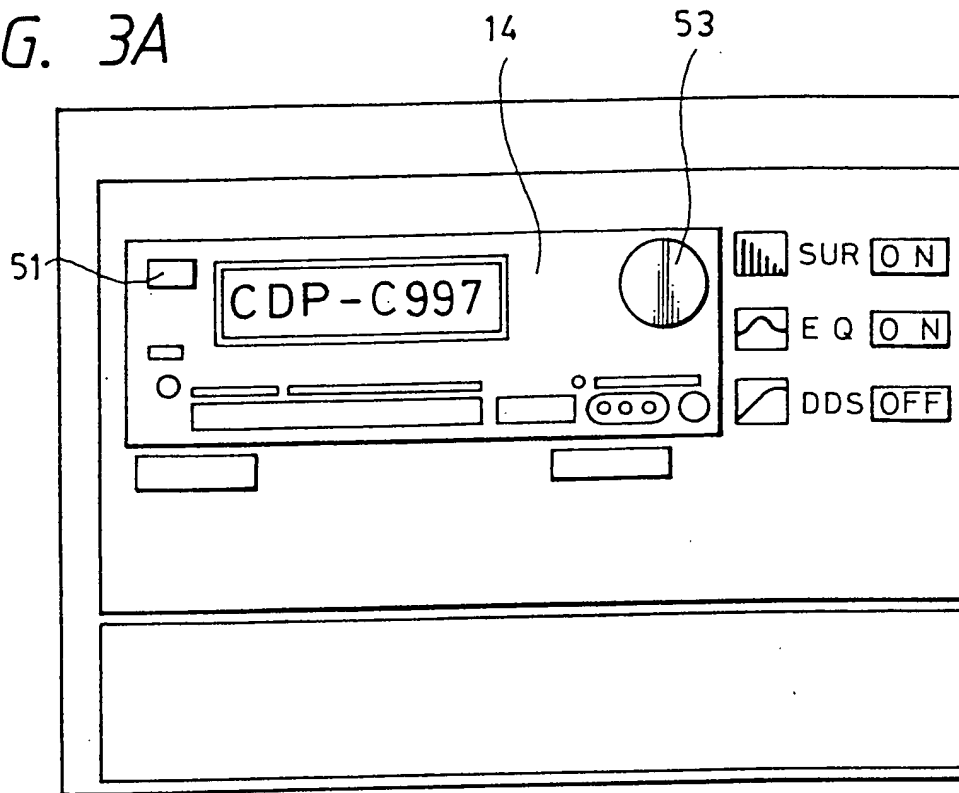


FIG. 3B

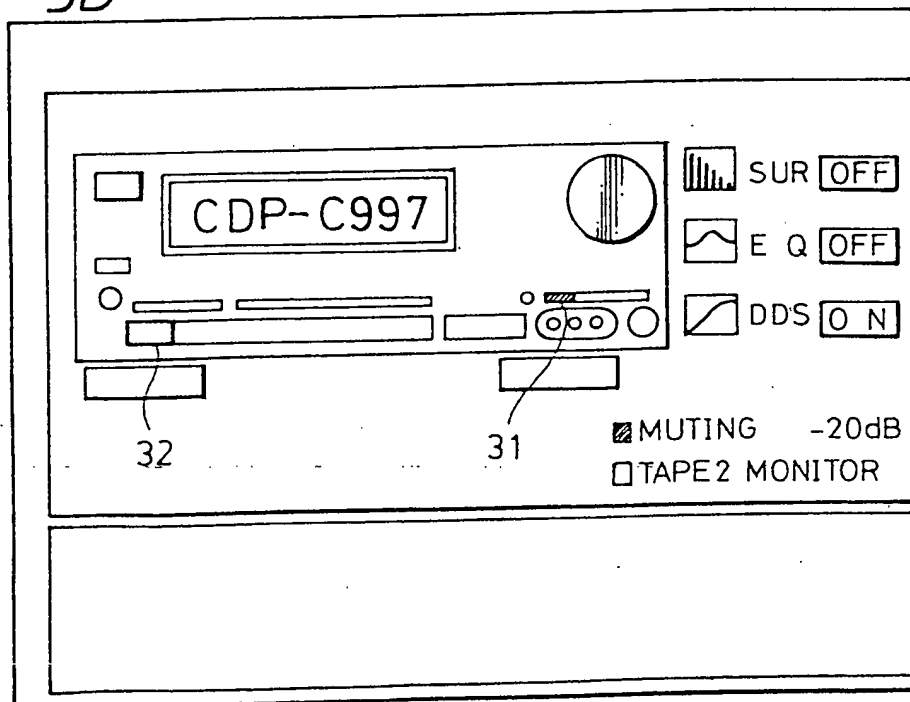


FIG. 4

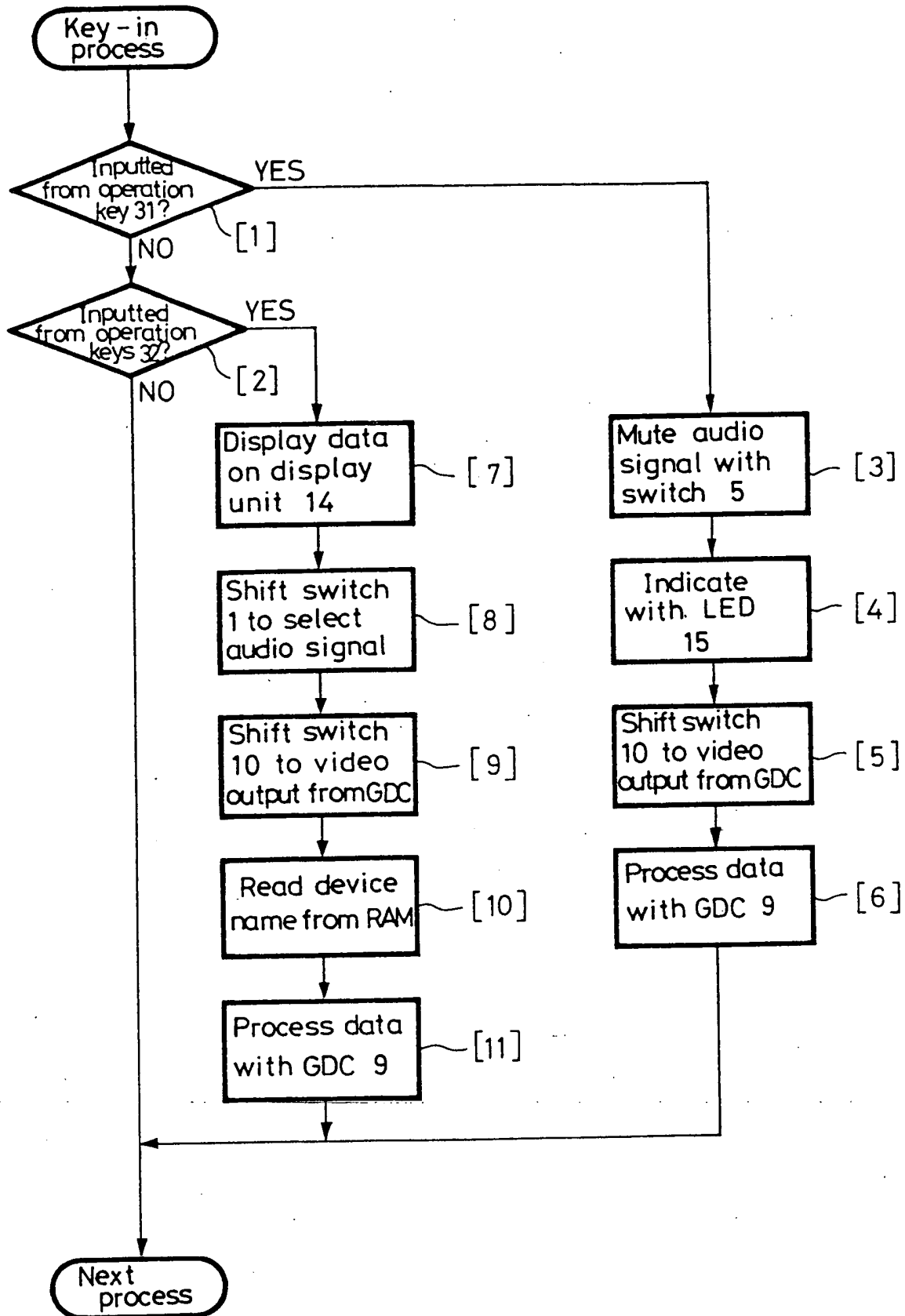


FIG. 5A

FUNCTION	
VIDEO1	SLV-BS605
VIDEO2/LD	MDP-605
VIDEO3	CCD-TR205
TAPE1	TC-WR990
DAT	DTC-87ES
CD	CDP-C997
PHONO	PS-LX1
DIGITAL 1	CDP-X779ES
DIGITAL 2	SAT-100GRX

EDIT		DRLC
V	CCD-TR205 → VIDEO1	OFF
A	DTC-87ES → VIDEO1	

FIG. 5B

FUNCTION	
VIDEO1	SLV-BS605
VIDEO2/LD	MDP-605
VIDEO3	CCD-TR205
TAPE1	TC-WR990
DAT	DTC-87ES
CD	CDP-C997
PHONO	PS-LX1
DIGITAL 1	CDP-X779ES
DIGITAL 2	SAT-100GRX

LABEL	
↕ LETTER	
↕ POSITION	
	■ DTC-87ES
PRESS MEMORY	

EDIT		DRLC
V	CCD-TR205 → VIDEO1	OFF
A	DTC-87ES → VIDEO1	

FIG. 6

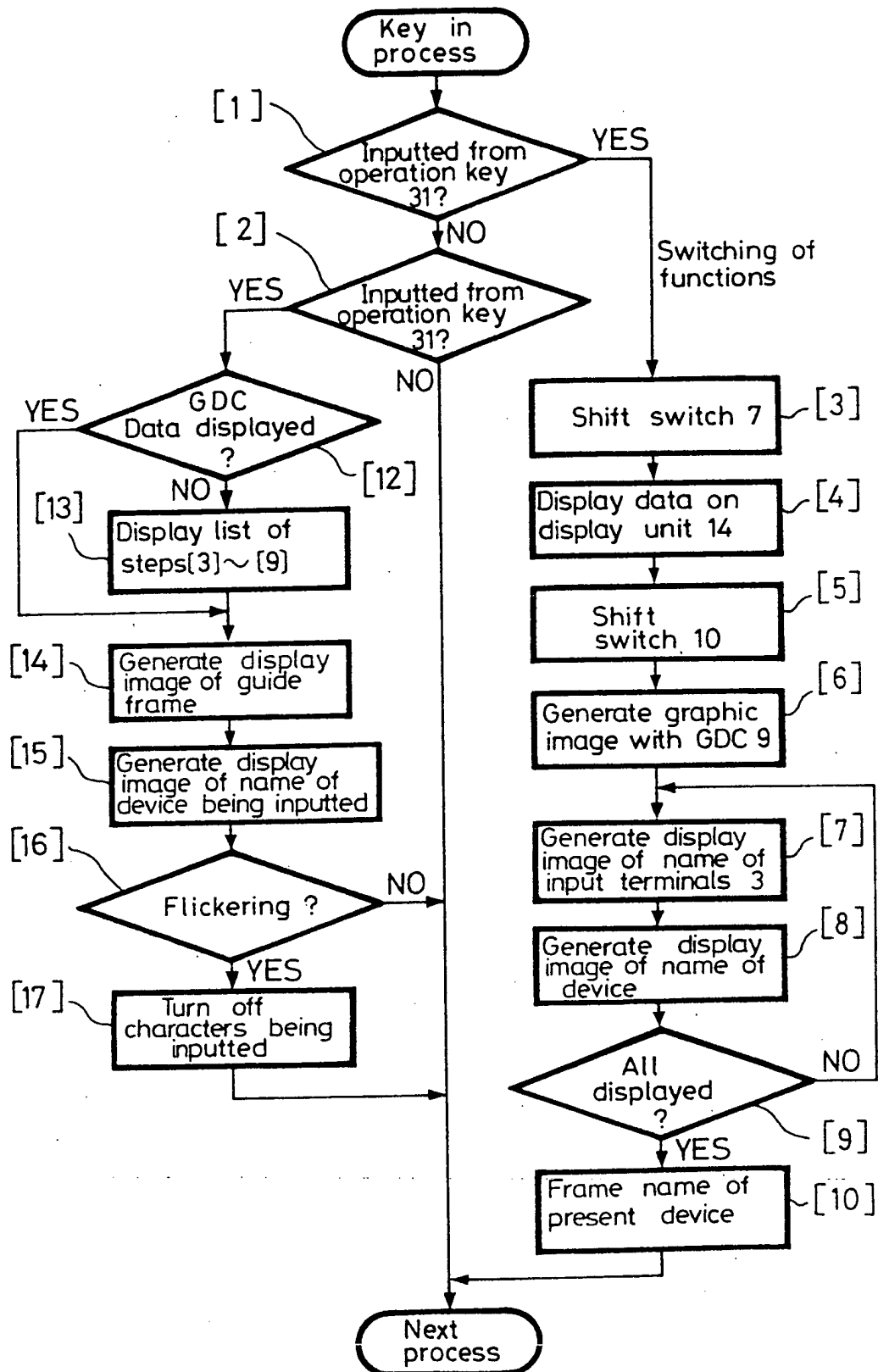


FIG. 7A

TUNER					
CH	INDEX	FREQ	LINK	LINK ON	
<input type="checkbox"/> A	News <	FM 90.00MHz	P7	MONO	
CH	FREQ	LINK	CH	FREQ	LINK
A1	FM 87.50MHz		B6	FM108.00MHz	
A2	FM 90.00MHz	U4 M	B7	AM 1000kHz	
A3	FM 90.00MHz	P7 M	B8	AM 990kHz	P0
A4	FM 90.00MHz	P5 M	B9	AM 990kHz	U9
A5	FM108.00MHz	P8	B0	AM 990kHz	
A6	AM 990kHz	P0	C1	FM 87.50MHz	
A7	AM 1000kHz		C2	FM108.00MHz	
A8	AM 1000kHz	P1	C3	FM108.00MHz	U4
A9	FM 87.50MHz		C4	FM108.00MHz	P4 M
A0	FM 87.50MHz		C5	FM108.00MHz	P6 M
B1	FM 87.50MHz	U5	C6	FM108.00MHz	
B2	FM 90.00MHz		C7	FM108.00MHz	
B3	FM 90.00MHz		C8	FM108.00MHz	M
B4	AM 990MHz	P0	C9	FM 87.50MHz	
B5	FM 90.00MHz		C0	FM 87.50MHz	

FIG. 7B

TUNER					
CH	INDEX	FREQ	LINK	LINK ON	
<input type="checkbox"/> A	News <	FM 90.00MHz	P8	MONO	
CH	FREQ	LINK	PGM SET		
A1	FM 87.50MHz		PRESET		
A2	FM 90.00MHz	U4 M	1. HALL 1		
A3	FM 90.00MHz	P7 M	2. HALL 2		
A4	FM 90.00MHz	P5 M	3. OPERA		
A5	FM108.00MHz	P8	4. CHURCH		
A6	AM 990kHz	P0	5. JAZZ CLUB		
A7	AM 1000kHz		6. DISCO		
A8	AM 1000kHz	P1	7. STADIUM		
A9	FM 87.50MHz		8. LIVE CONCERT		
A0	FM 87.50MHz		9. THEATER		
B1	FM 87.50MHz	U5	0. DOLBY SUR		
B2	FM 90.00MHz		PRESS MEMORY		
B3	FM 90.00MHz		& SHIFT <input type="checkbox"/> - <input type="checkbox"/>		
B4	AM 990kHz	P0			
B5	FM 90.00MHz				

FIG. 8A

TUNER				
CH	INDEX	FREQ	LINK	LINK ON MONO
A	News<	FM 90.00MHz	P7	

CH	INDEX	FREQ	LINK
A1	LETTER		
A2	POSITION		
A3	News<		
A4			
A5	PRESS MEMORY		
A6	& SHIFT 1 - 0		
A8	AM 1000kHz P1		
A9	FM 87.50MHz		
A0	FM 87.50MHz		
B1	FM 87.50MHz U5		
B2	FM 90.00MHz		
B3	FM 90.00MHz		
B4	AM 990kHz P0		
B5	FM 90.00MHz		
B6	FM 108.00MHz		
B7	AM 1000kHz		
B8	AM 990kHz P0		
B9	AM 990kHz U9		
B0	AM 990kHz		
C1	FM 87.50MHz		
C2	FM 108.00MHz		
C3	FM 108.00MHz U4		
C4	FM 108.00MHz P4 M		
C5	FM 108.00MHz P6 M		
C6	FM 108.00MHz		
C7	FM 108.00MHz		
C8	FM 108.00MHz M		
C9	FM 87.50MHz		
C0	FM 87.50MHz		

FIG. 8B

TUNER				
CH	INDEX	FREQ	LINK	LINK ON MONO
A3	News<	FM 90.00MHz	P2	

CH	INDEX	LINK	CH	INDEX	LINK
A1	ROCK 1		B6	ABC	
A2	POPS 1	U4 M	B7	mama 1	
A3	News<	P2 M	B8	12345	P0
A4	News<	P5 M	B9	12345	U9
A5	ABC	P8	B0	12345	
A6	Papa =	P0	C1	ABC	
A7	mama 1		C2	ABC	U4
A8	mama 1	P1	C3	ABC	P4 M
A9			C4	ABC	P6 M
A0			C5	ABC	
B1	ROCK 1	U5	C6	ABC	
B2	POPS 1		C7	ABC	M
B3	News<		C8	ABC	
B4	Papa =	P0	C9		
B5	JAZZ 1		C0		

FIG. 9

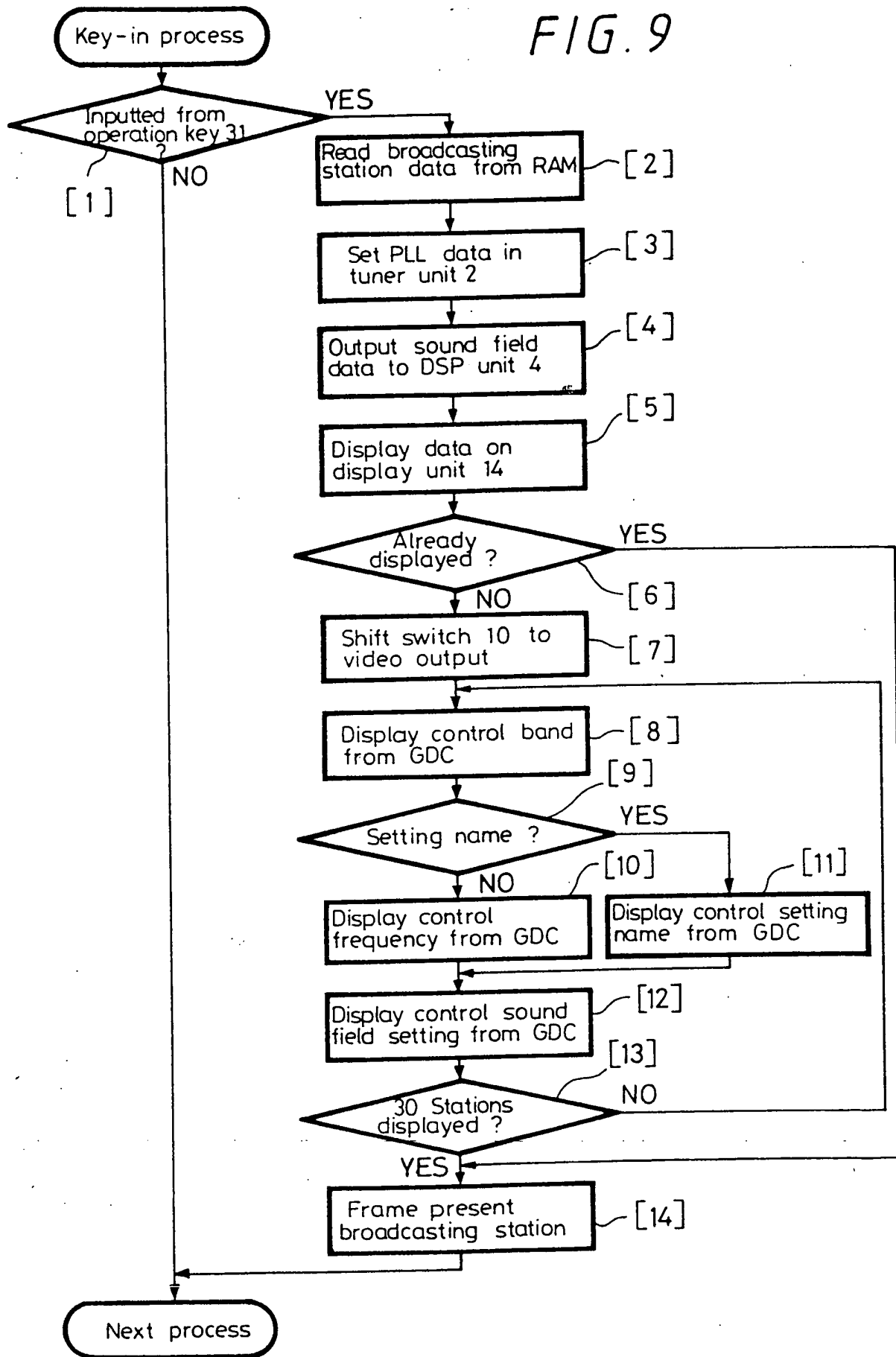








FIG. 10A

SOUND FIELD			
PRESET	 SUR	 EQ	 DDS
1. HALL 1	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
2. HALL 2	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
3. OPERA	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
4. CHURCH	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF
5. JAZZ CLUB	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
6. DISCO	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
7. STADIUM	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
8. LIVE CONCERT	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
9. THEATER	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
0. DOLBY SUR	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF

FUNCTION DTC-87ES

FIG. 10B

SOUND FIELD			
<input checked="" type="checkbox"/> USER		<div>MEMORY</div> <div>MODE <input checked="" type="checkbox"/> LIVE CONCERT</div> <div>  SUR <input checked="" type="checkbox"/> ON  EQ <input checked="" type="checkbox"/> ON  DDS <input checked="" type="checkbox"/> ON </div>	
1. HALL 1			
2. LIVE CONCERT			
3. LIVE CONCERT			
4. CHURCH			
5. JAZZ CLUB			
6. DISCO			
7. STADIUM	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
8. LIVE CONCERT	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
9. THEATER	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON	<input checked="" type="checkbox"/> ON
0. DOLBY SUR	<input checked="" type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF

FUNCTION DTC-87ES

FIG. 11A

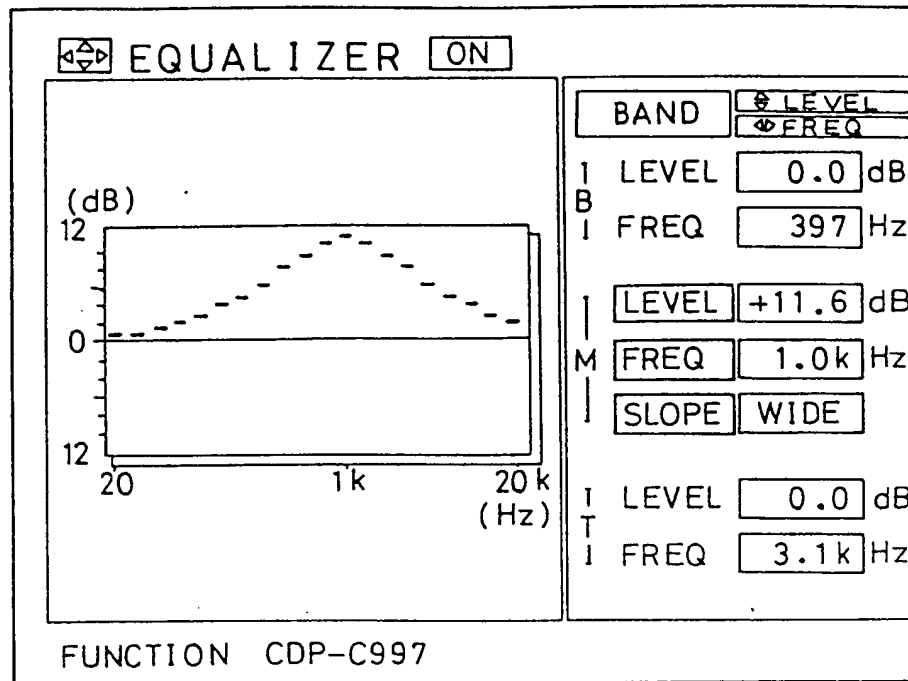


FIG. 11B

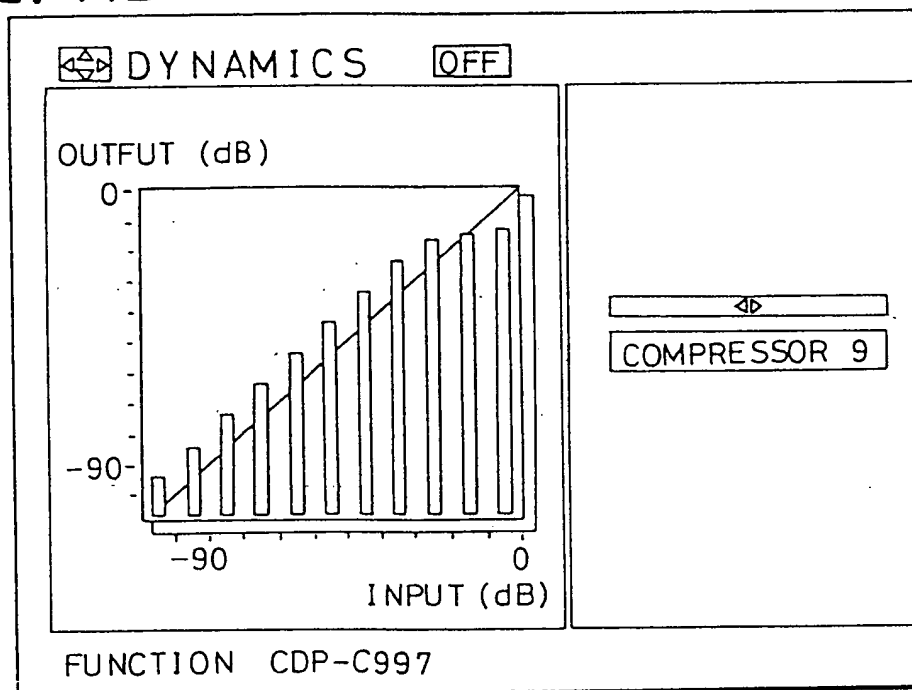


FIG. 12

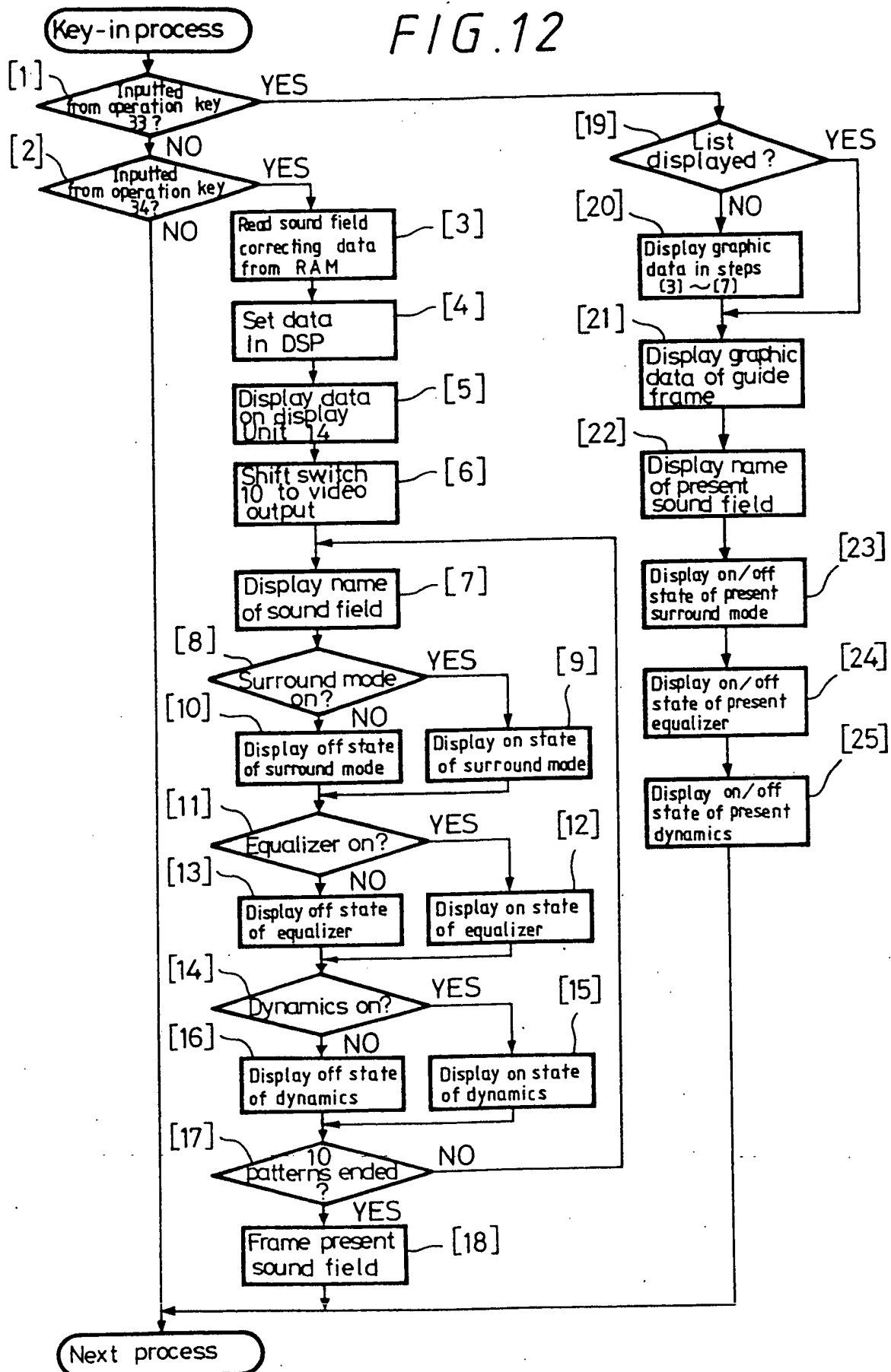





FIG. 13A

SOUND FIELD

PRESET

	 SUR	 EQ	 DDS
1. HALL 1	ON	OFF	OFF
2. HALL 2	ON	OFF	OFF
3. OPERA	ON	OFF	OFF
4. CHURCH	ON	ON	OFF
5. JAZZ CLUB	ON	ON	ON
6. DISCO	ON	ON	ON
7. STADIUM	ON	ON	ON
8. LIVE CONCERT	ON	ON	ON
9. THEATER	ON	ON	ON
0. DOLBY SUR	ON	OFF	OFF

FUNCTION DTC-87ES

FIG. 13A




SOUND FIELD

USER

1. HALL 1			
2. LIVE CONCERT			
3. LIVE CONCERT			
4. CHURCH			
5. JAZZ CLUB			
6. DISCO			
7. STADIUM	ON	ON	ON
8. LIVE CONCERT	ON	ON	ON
9. THEATER	ON	ON	ON
0. DOLBY SUR	ON	OFF	OFF

MEMORY

MODE **LIVE CONCERT**

 SUR	ON
 EQ	ON
 DDS	ON

FUNCTION DTC-87ES

FIG. 14A

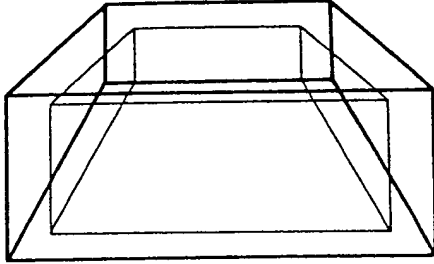
<input checked="" type="checkbox"/> SURROUND <input type="checkbox"/> ON	
SURR. MODE <input type="text" value="HALL 1"/>	
	<input type="text" value="SEAT L-R"/> <input type="text" value="CTR"/>
	F-R <input type="text" value="CTR"/>
	WALL TYPE <input type="text" value="STD"/>
	<input type="text" value="ROOM SIZE"/> <input type="text" value="L9"/>
	S. LEVEL <input type="text" value="-10"/> dB
	REV. TIME <input type="text" value="STD"/>
	E. LEVEL <input type="text" value="80"/> %
FUNCTION DTC-87ES	

FIG. 14B

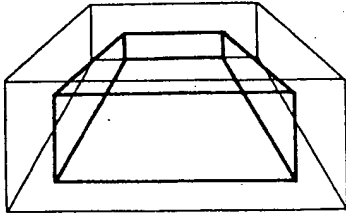
<input checked="" type="checkbox"/> SURROUND <input type="checkbox"/> ON	
SURR. MODE <input type="text" value="HALL 1"/>	
	<input type="text" value="SEAT L-R"/> <input type="text" value="CTR"/>
	F-R <input type="text" value="CTR"/>
	WALL TYPE <input type="text" value="STD"/>
	<input type="text" value="ROOM SIZE"/> <input type="text" value="S10"/>
	S. LEVEL <input type="text" value="10"/> dB
	REV. TIME <input type="text" value="STD"/>
	E. LEVEL <input type="text" value="80"/> %
FUNCTION DTC-87ES	

FIG. 15A

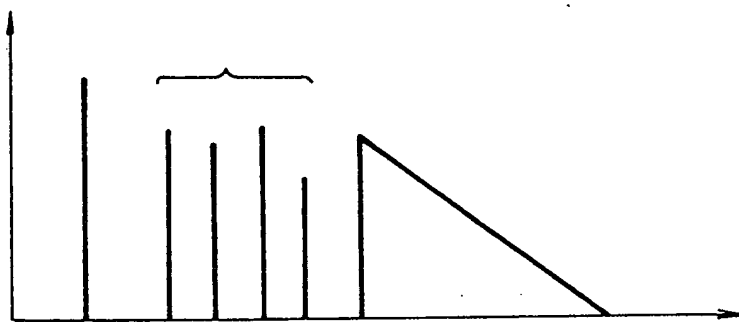


FIG. 15B

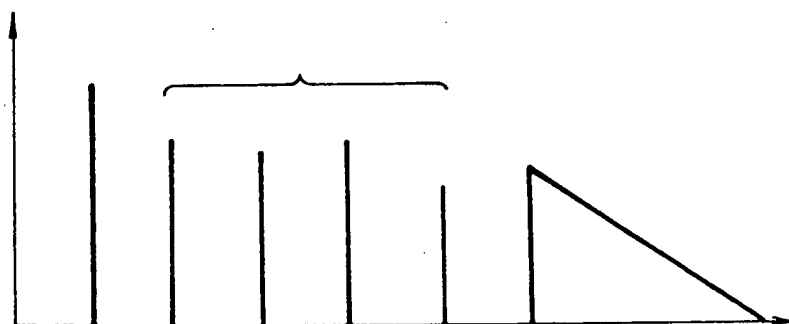


FIG. 16

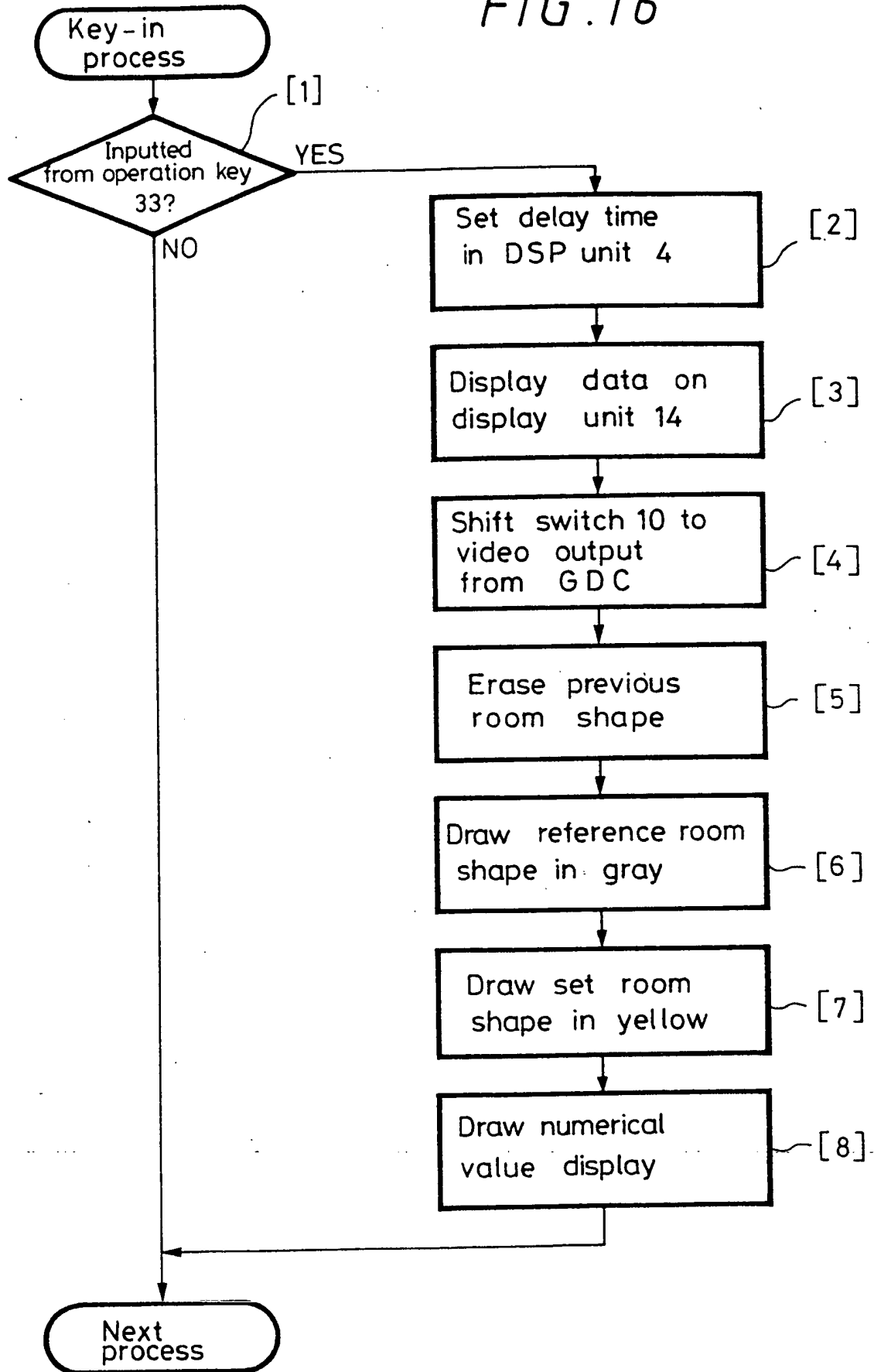








FIG. 17A

SOUND FIELD			
PRESET	 SUR	 EQ	 DDS
1. HALL 1	<input type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
2. HALL 2	<input type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
3. OPERA	<input type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
4. CHURCH	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> OFF
5. JAZZ CLUB	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON
6. DISCO	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON
7. STADIUM	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON
8. LIVE CONCERT	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON
9. THEATER	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON
0. DOLBY SUR	<input type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF

FUNCTION DTC-87ES

FIG. 17B

SOUND FIELD				
<div> <div>USER</div> <div> 1. HALL 1 2. LIVE CONCERT 3. LIVE CONCERT 4. CHURCH 5. JAZZ CLUB 6. DISCO 7. STADIUM 8. LIVE CONCERT 9. THEATER 0. DOLBY SUR </div> </div>				<div> <div>MEMORY</div> <div> MODE <div>LIVE CONCERT</div> <div>  SUR <input type="checkbox"/> ON  EQ <input type="checkbox"/> ON  DDS <input type="checkbox"/> ON </div> </div> </div>
	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON	
	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON	
	<input type="checkbox"/> ON	<input type="checkbox"/> ON	<input type="checkbox"/> ON	
	<input type="checkbox"/> ON	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF	

FUNCTION DTC-87ES

FIG. 18A

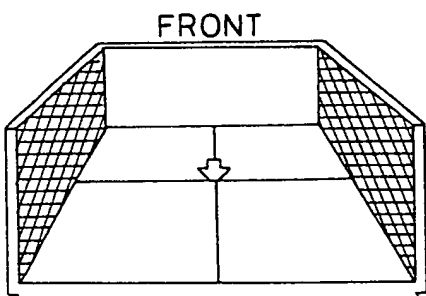
◀▶ SURROUND ON															
SURR.MODE HALL 1															
															
<table border="1"> <tr> <td>SEAT L-R</td> <td>CTR</td> </tr> <tr> <td>F-R</td> <td>CTR</td> </tr> <tr> <td>WALL TYPE</td> <td>S10</td> </tr> <tr> <td>ROOM SIZE</td> <td>S10</td> </tr> <tr> <td>S.LEVEL</td> <td>-10 dB</td> </tr> <tr> <td>REV.TIME</td> <td>STD</td> </tr> <tr> <td>E.LEVEL</td> <td>80 %</td> </tr> </table>		SEAT L-R	CTR	F-R	CTR	WALL TYPE	S10	ROOM SIZE	S10	S.LEVEL	-10 dB	REV.TIME	STD	E.LEVEL	80 %
SEAT L-R	CTR														
F-R	CTR														
WALL TYPE	S10														
ROOM SIZE	S10														
S.LEVEL	-10 dB														
REV.TIME	STD														
E.LEVEL	80 %														
FUNCTION DTC-87ES															

FIG. 18B

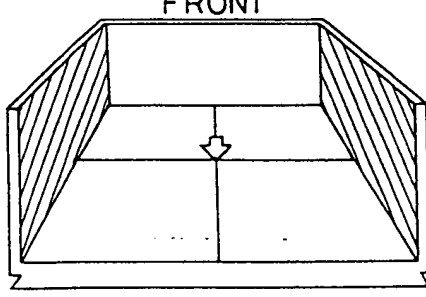
◀▶ SURROUND ON															
SURR MODE HALL 1															
															
<table border="1"> <tr> <td>SEAT L-R</td> <td>CTR</td> </tr> <tr> <td>F-R</td> <td>CTR</td> </tr> <tr> <td>WALL TYPE</td> <td>H6</td> </tr> <tr> <td>ROOM SIZE</td> <td>S10</td> </tr> <tr> <td>S.LEVEL</td> <td>-10 dB</td> </tr> <tr> <td>REV. TIME</td> <td>STD</td> </tr> <tr> <td>E.LEVEL</td> <td>80 %</td> </tr> </table>		SEAT L-R	CTR	F-R	CTR	WALL TYPE	H6	ROOM SIZE	S10	S.LEVEL	-10 dB	REV. TIME	STD	E.LEVEL	80 %
SEAT L-R	CTR														
F-R	CTR														
WALL TYPE	H6														
ROOM SIZE	S10														
S.LEVEL	-10 dB														
REV. TIME	STD														
E.LEVEL	80 %														
FUNCTION DTC-87ES															

FIG. 19

Material	R	G	B
Softer ↑	1	1	0
	2	2	1
	4	4	3
	5	5	4
	2	2	2
Standard ↓	4	4	4
	5	5	5
	1	1	2
	2	2	3
	4	4	5
Harder	5	5	6

FIG. 20A

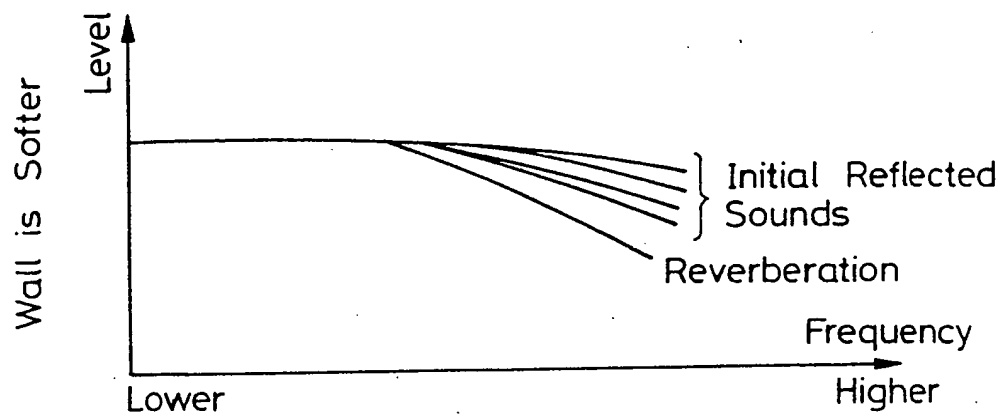


FIG. 20B

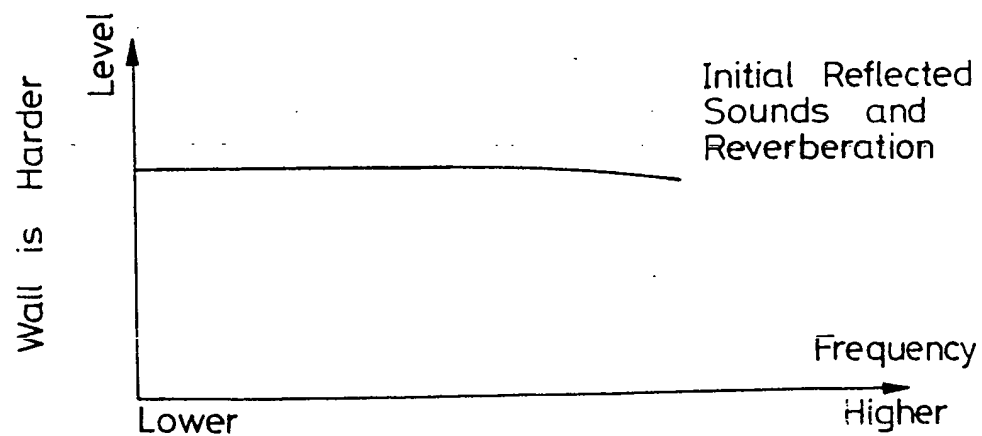


FIG. 21

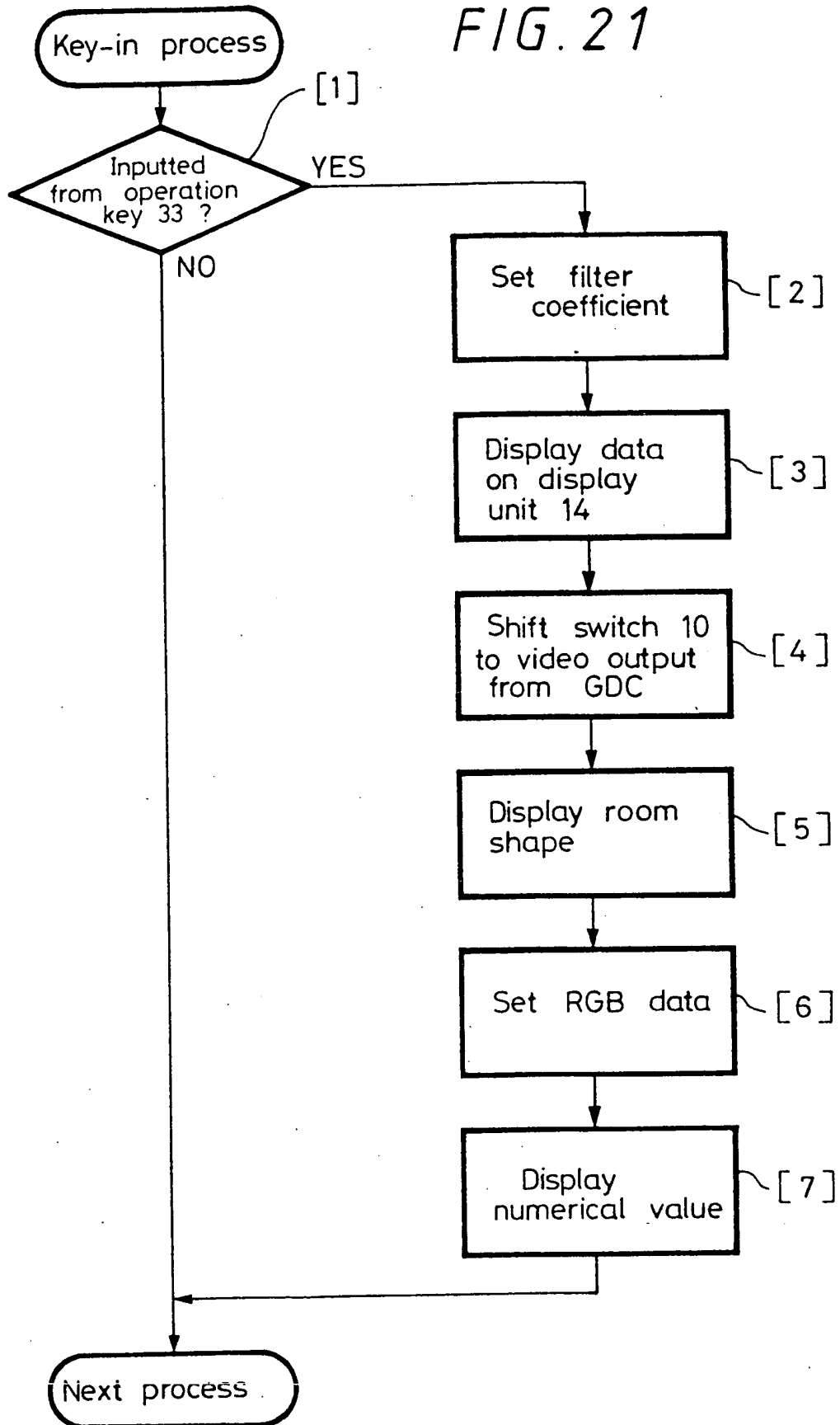


FIG. 22A

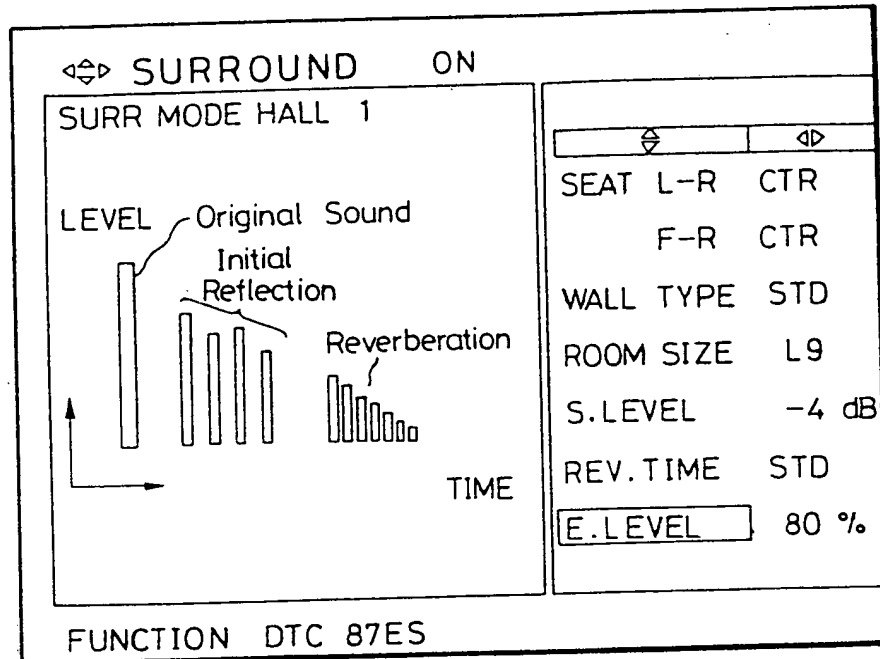


FIG. 22B

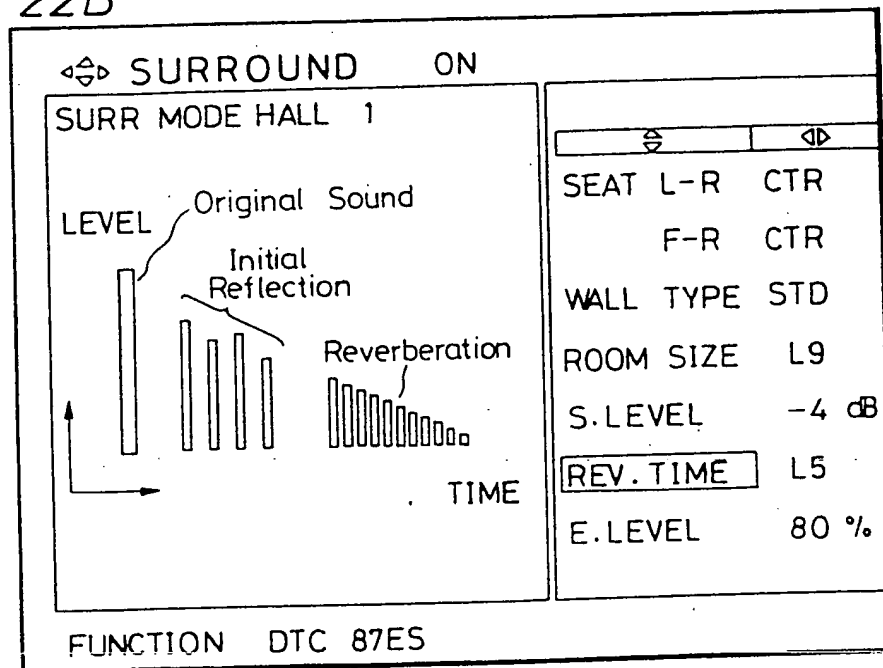


FIG. 23A

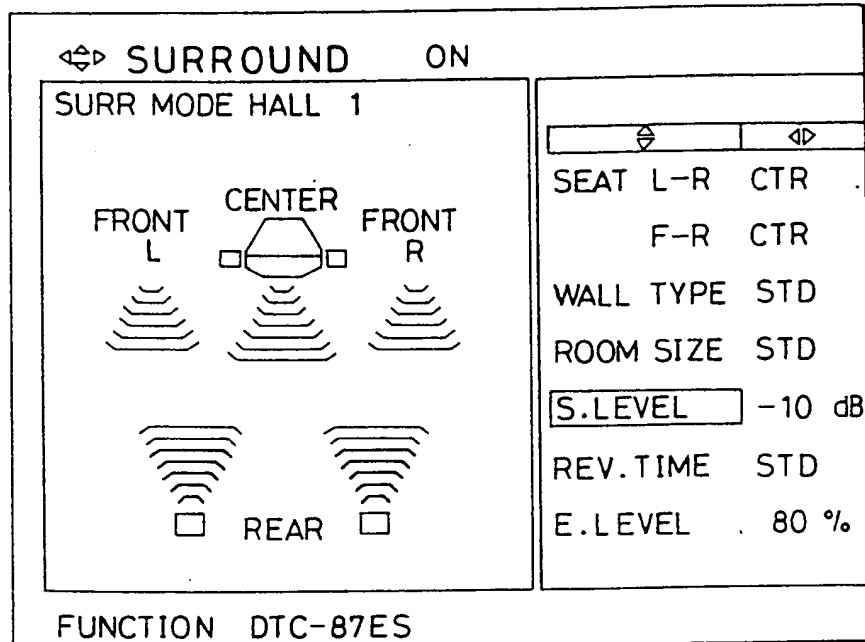
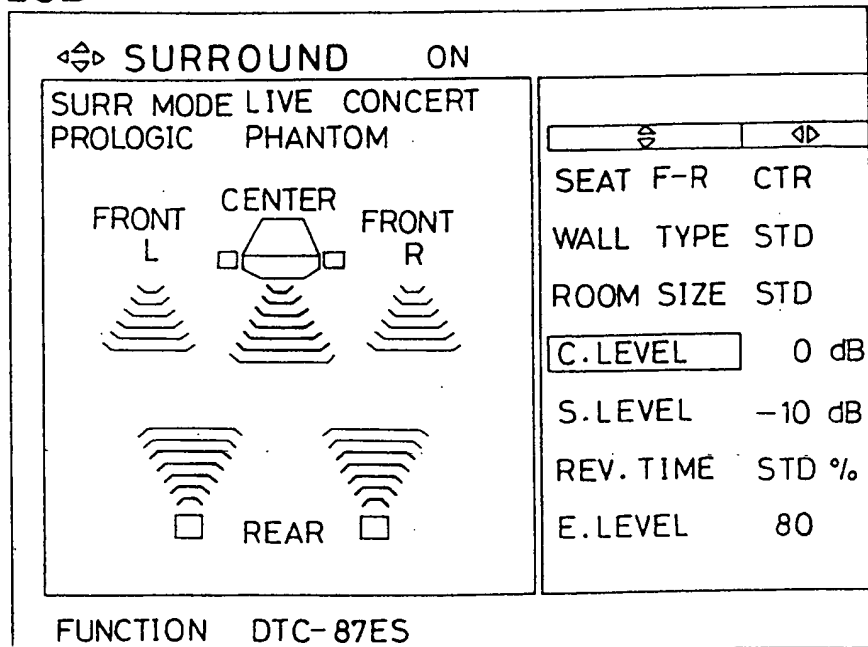


FIG. 23B



Description of reference numerals

- 1...input selector switch for audio signals
- 2...tuner unit
- 3...input terminals
- 4...sound field processing DSP unit
- 5...muting switch
- 6...output terminal
- 7...input selector switch for video signals
- 9...graphic controller for producing video signals of
display image
- 10...switch
- 11...output terminal
- 12...system control microcomputer
- 13...key switches of control panel
- 14...built-in display unit
- 15...LED